

FIG. 1

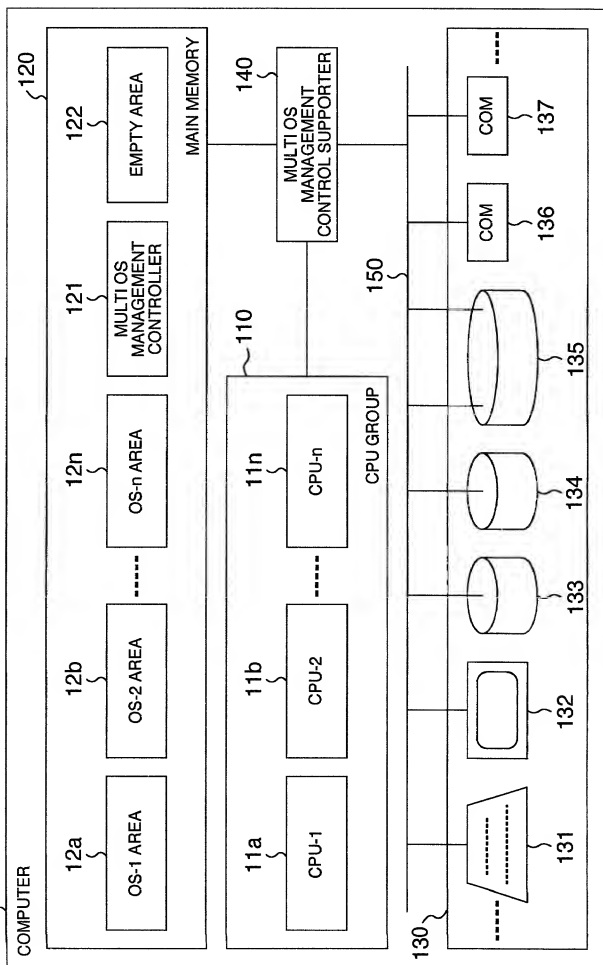


FIG. 2

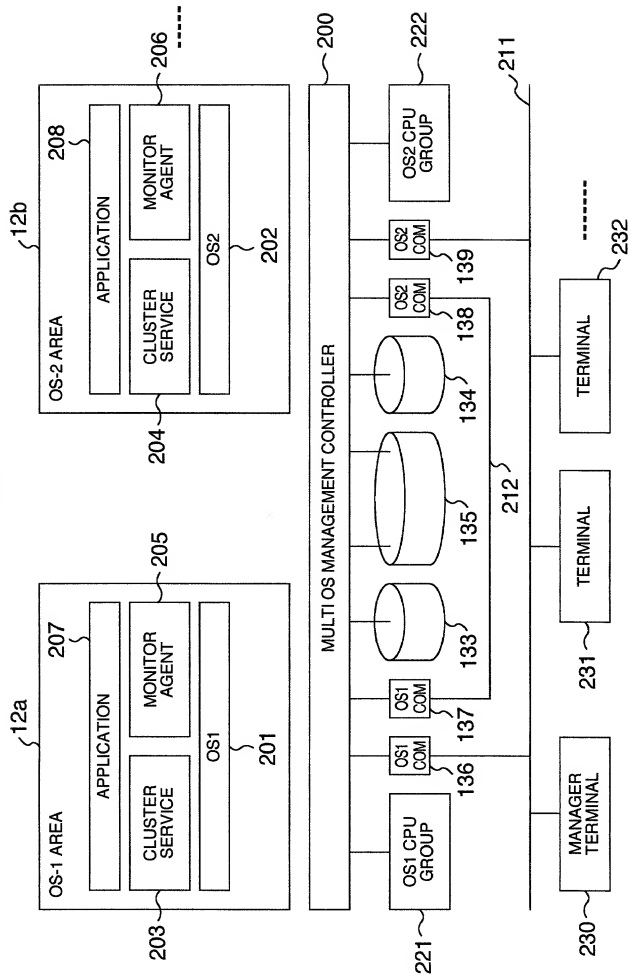


FIG.3

300 COMPUTER STATE TABLE

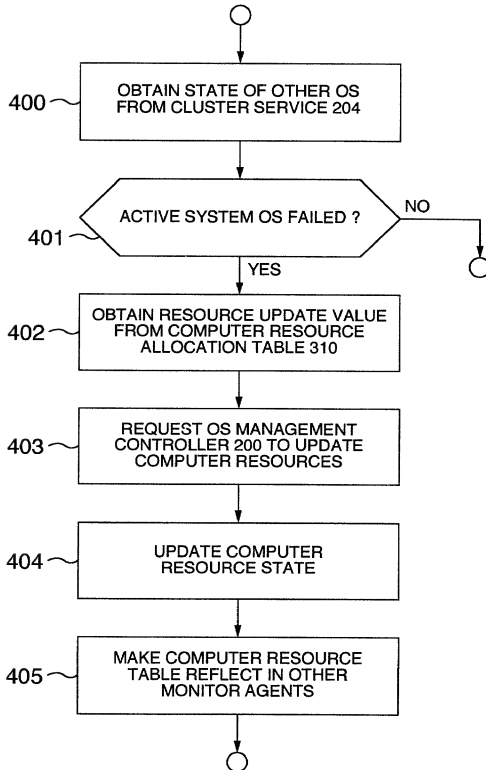
310 COMPUTER RESOURCE ALLOCATION TABLE

| COMPUTER RESOURCE NAME | ACTIVE COMPUTER RESOURCE SERVICE RATIO | STANDBY COMPUTER RESOURCE SERVICE RATIO |
|------------------------------|---|--|
| CPU | 95% | 5% |
| MAIN MEMORY | | |

320 OS STATE TABLE

| OS NAME | STATE | ACTIVE,STANDBY | CPU |
|---------|-----------|----------------|-----|
| OS 1 | OPERATING | ACTIVE | 95% |
| OS 2 | OPERATING | STANDBY | 5% |

FIG.4



500 COMPUTER RESOURCE CONFIGURATION AREA

FIG.5

510 CPU USE TABLE

| ITEM | VALUE |
|------------------------|-------|
| No. OF CPUS IN USE | |
| No. OF CPUS NOT IN USE | |

520 MAIN MEMORY USE TABLE

| ITEM | VALUE |
|----------------------------|-------|
| No. OF MEMORIES IN USE | |
| No. OF MEMORIES NOT IN USE | |

530 EXTERNAL DEVICE USE TABLE

| ITEM | IN USE/ NOT IN USE |
|-------|-----------------------|
| I/O 1 | I/O 1 |
| I/O 2 | I/O 2 |
| | |
| I/O n | I/O n |

540 PHYSICAL CPU CONFIGURATION TABLE

| ID | PRIORITY | INITIAL NUMBER | CURRENT NUMBER |
|----|----------|-------------------|-------------------|
| 1 | 1 | 2 | 2 |
| 2 | 2 | 1 | 1 |
| | | | |

550 OS CONFIGURATION TABLE

| OS NAME | PRIORITY | TYPE | ID | CPU | MAIN MEMORY | I/O 1 | I/O 2 |
|------------|----------|------|----|-----|----------------|----------|----------|
| OS 1 | | | | | | | |
| OS 2 | | | | | | | |
| | | | | | | | |
| OS n | | | | | | | |

FIG. 6

COMPUTER RESOURCE UPDATE TABLE

| OS NAME | ID | WAIT FLAG | COMPUTER RESOURCE UPDATE CONDITION | | | COMPUTER RESOURCE UPDATE CONFIGURATION | | |
|------------|----|--------------|---------------------------------------|-----------------------|------------|---|-----------------------|------------|
| | | | 606 CPU | 607 MAIN MEMORY | 608 I/O | 609 CPU | 610 MAIN MEMORY | 611 I/O |
| OS1 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| OS2 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Osn | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| ALL OS | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

FIG.7

COMPUTER RESOURCE UPDATE STATE TABLE

| 700 OS NAME | 701 CPU | 702 CPU LOAD | 703 MAIN MEMORY | 704 MAIN MEMORY LOAD | 705 I/O | 706 I/O LOAD | 707 I/O 2 | 708 I/O 2 LOAD | 709 |
|----------------|------------|--------------------|-----------------------|-------------------------------|------------|--------------------|--------------|----------------------|-----|
| OS1 | | | | | | | | | |
| OS2 | | | | | | | | | |
| | | | | | | | | | |
| Osn | | | | | | | | | |

FIG.8

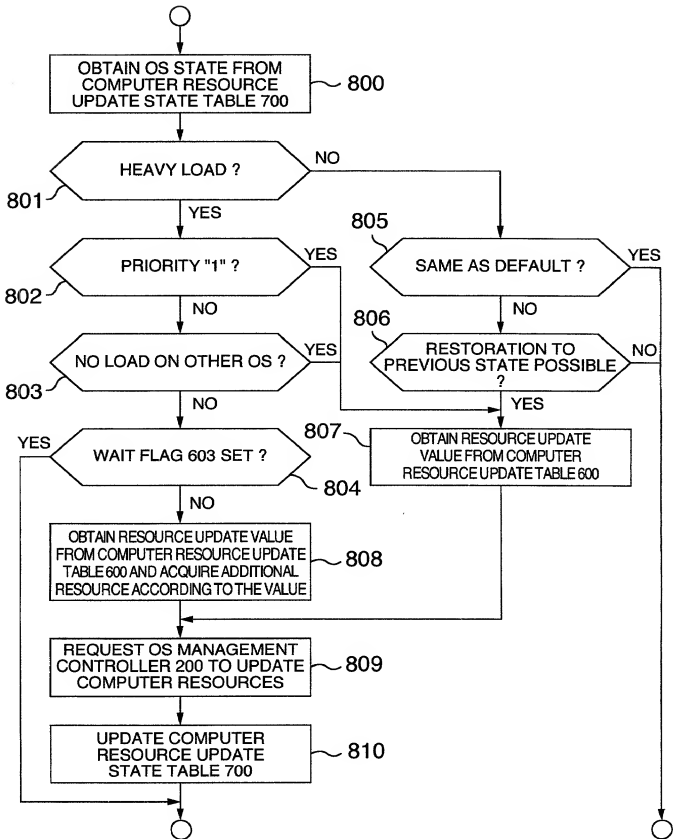
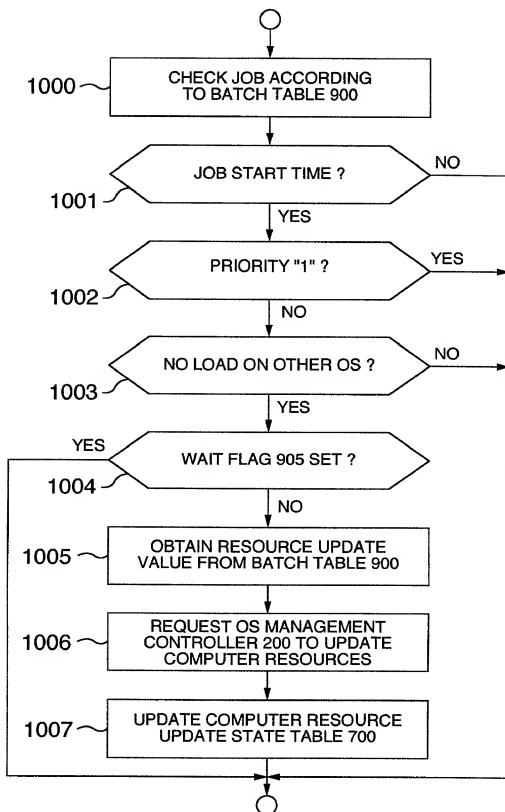


FIG.9

COMPUTER RESOURCE UPDATE TABLE 2

| 900 JOB NAME | 901 OS NAME | 902 JOB START TIME | 903 JOB END TIME | 904 WAIT FLAG | 905 COMPUTER RESOURCE REQUEST VALUE | | |
|-----------------|----------------|--------------------------|------------------------|------------------|---|-----------------------|------------|
| | | | | | 906 CPU | 907 MAIN MEMORY | 908 I/O |
| 1 | | | | | | | |
| 2 | | | | | | | |
| | | | | | | | |
| n | | | | | | | |

FIG.10



09755282.010001

1100 USER CONFIGURATION TABLE

FIG.11

1110 USER ACCOUNT TABLE

| USER ID | 1111 1112 | | 1113 | | 1114 | | 1115 | | 1116 | | 1117 | | 1118 | | 1119 | |
|---------|--------------|-------|-------|------------------|------------------|-------|-------|--------|------|--|------|--|------|--|------|--|
| | TIME CHARGED | 1 CPU | 2 CPU | 100M MAIN MEMORY | 200M MAIN MEMORY | I/O 1 | I/O 2 | CHARGE | | | | | | | | |
| 1 | | ○ | | ○ | | ○ | | | | | ○ | | | | | |
| 2 | | ○ | ○ | ○ | ○ | | | | | | ○ | | | | | |
| | | | | | | | | | | | | | | | | |
| n | | | | | | | | | | | | | | | | |

1120 USER REGISTER TABLE

| USER ID | 1121 1122 | | 1123 1124 | | 1125 1126 | | 1127 | |
|---------|------------|----------|-----------|-------------|-----------|-----------------|------|--|
| | START TIME | END TIME | CPU | MAIN MEMORY | I/O | STANDARD CHARGE | | |
| 1 | ○ | ○ | 1 | 100 | ○ | | | |
| 2 | 8 | 20 | 2 | 200 | ○ | | | |
| | | | | | | | | |
| n | | | | | | | | |

FIG.12

1200 COMPUTER RESOURCE ACCOUNT STANDARD AREA

1210 CPU ACCOUNT STANDARD TABLE

| TIME | 1 CPU | 2 CPU | | N CPU |
|------|-------|-------|--|-------|
| 1 | | | | |
| 2 | | | | |
| | | | | |

1230 MAIN MEMORY ACCOUNT STANDARD TABLE

| TIME | 100MB | 200MB | | N MB |
|------|-------|-------|--|------|
| 1 | | | | |
| 2 | | | | |
| | | | | |

1250 EXTERNAL DEVICE ACCOUNT STANDARD TABLE

| TIME | 1G | 2G | | NG |
|------|----|----|--|----|
| 1 | | | | |
| 2 | | | | |
| | | | | |

FIG.13

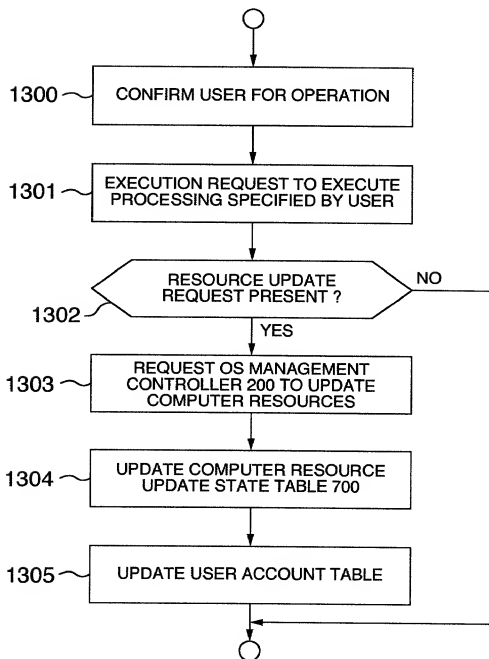


FIG. 14

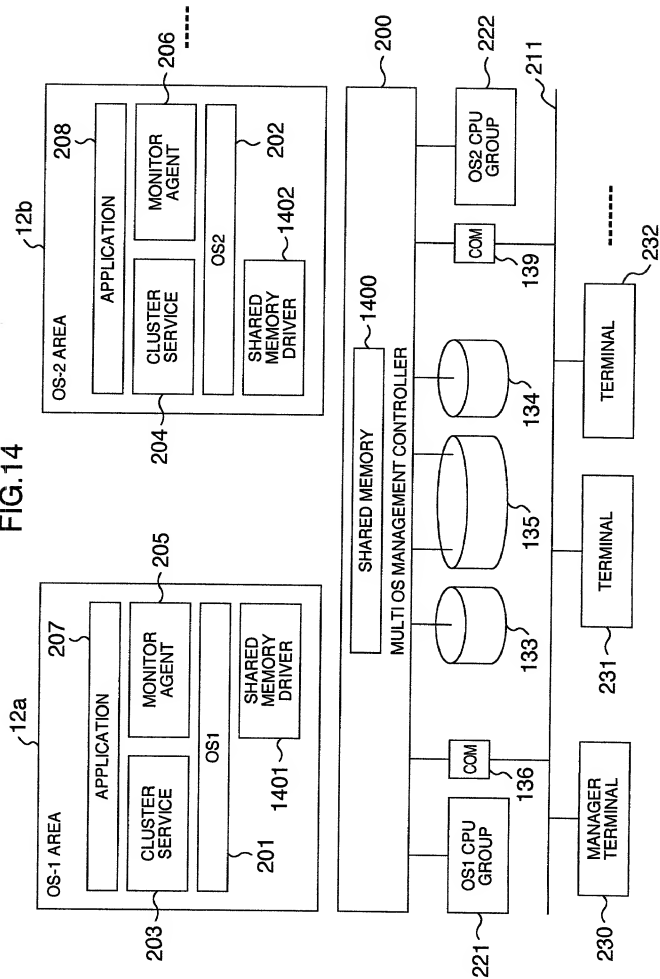


FIG.15

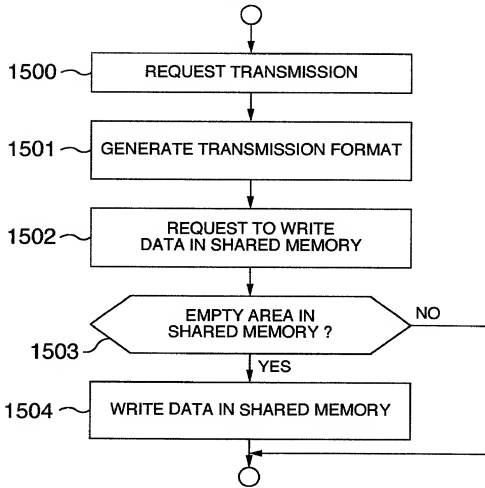


FIG.16

